

§ 93.307

Flight-free Zones, is designated the "Dragon Corridor." This corridor is 2 nautical miles wide for commercial air tour flights and 4 nautical miles wide for transient and general aviation operations. The Bright Angel Flight-free Zone does not include the following airspace designated as the Bright Angel Corridor: That airspace one-half nautical mile on either side of a line extending from Lat. 36°14'57" N., Long. 112°08'45" W. and Lat. 36°15'01" N., Long. 111°55'39" W.

(c) *Toroweap/Shinumo Flight-free Zone.* That airspace extending from the surface up to but not including 14,500 feet MSL within an area bounded by a line beginning at Lat. 36°05'44" N., Long. 112°19'27" W.; north-northeast to Lat. 36°10'49" N., Long. 112°13'19" W.; to Lat. 36°21'02" N., Long. 112°08'47" W.; thence west and south along the GCNP boundary to Lat. 36°10'58" N., Long. 113°08'35" W.; south to Lat. 36°10'12" N., Long. 113°08'34" W.; thence in an easterly direction along the park boundary to the point of origin; but not including the following airspace designated as the "Tuckup Corridor": at or above 10,500 feet MSL within 2 nautical miles either side of a line extending between Lat. 36°24'42" N., Long. 112°48'47" W. and Lat. 36°14'17" N., Long. 112°48'31" W. The airspace designated as the "Fossil Canyon Corridor" is also excluded from the Toroweap/Shinumo Flight-free Zone at or above 10,500 feet MSL within 2 nautical miles either side of a line extending between Lat. 36°16'26" N., Long. 112°34'35" W. and Lat. 36°22'51" N., Long. 112°18'18" W. The Fossil Canyon Corridor is to be used for transient and general aviation operations only.

(d) *Sanup Flight-free Zone.* That airspace extending from the surface up to but not including 8,000 feet MSL within an area bounded by a line beginning at Lat. 35°59'32" N., Long. 113°20'28" W.; west to Lat. 36°00'55" N., Long. 113°42'09" W.; southeast to Lat. 35°59'57" N., Long. 113°41'09" W.; to Lat. 35°59'09" N., Long. 113°40'53" W.; to Lat. 35°58'45" N., Long. 113°40'15" W.; to Lat. 35°57'52" N., Long. 113°39'34" W.; to Lat. 35°56'44" N., Long. 113°39'07" W.; to Lat. 35°56'04" N., Long. 113°39'20" W.; to Lat. 35°55'02" N., Long. 113°40'43" W.; to Lat. 35°54'47" N., Long. 113°40'51" W.; southeast to Lat. 35°50'16"

N., Long. 113°37'13" W.; thence along the park boundary to the point of origin.

[Doc. No. 28537, 61 FR 69330, Dec. 31, 1996, as amended by Amdt. 93-80, 65 FR 17742, Apr. 4, 2000]

§ 93.307 Minimum flight altitudes.

Except in an emergency, or if otherwise necessary for safety of flight, or unless otherwise authorized by the Flight Standards District Office for a purpose listed in 93.309, no person may operate an aircraft in the Special Flight Rules Area at an altitude lower than the following:

(a) *Minimum sector altitudes*—(1) *Commercial air tours*—(i) *Marble Canyon Sector.* Lees Ferry to Boundary Ridge: 6,000 feet MSL.

(ii) *Supai Sector.* Boundary Ridge to Supai Point: 7,500 feet MSL.

(iii) *Diamond Creek Sector.* Supai Point to Diamond Creek: 6,500 feet MSL.

(iv) *Pearce Ferry Sector.* Diamond Creek to the Grand Wash Cliffs: 5,000 feet MSL.

(2) *Transient and general aviation operations*—(i) *Marble Canyon Sector.* Lees Ferry to Boundary Ridge: 8,000 feet MSL.

(ii) *Supai Sector.* Boundary Ridge to Supai Point: 10,000 feet MSL.

(iii) *Diamond Creek Sector.* Supai Point to Diamond Creek: 9,000 feet MSL.

(iv) *Pearce Ferry Sector.* Diamond Creek to the Grand Wash Cliffs: 8,000 feet MSL.

(b) *Minimum corridor altitudes*—(1) *Commercial air tours*—(i) *Zuni Point Corridors.* 7,500 feet MSL.

(ii) *Dragon Corridor.* 7,500 feet MSL.

(2) *Transient and general aviation operations*—(i) *Zuni Point Corridor.* 10,500 feet MSL.

(ii) *Dragon Corridor.* 10,500 feet MSL.

(iii) *Tuckup Corridor.* 10,500 feet MSL.

(iv) *Fossil Canyon Corridor.* 10,500 feet

[Doc. No. 28537, 61 FR 69330, Dec. 31, 1996, as amended by Amdt. 93-80, 65 FR 17742, 17743, Apr. 4, 2000]

§ 93.309 General operating procedures.

Except in an emergency, no person may operate an aircraft in the Special Flight Rules Area unless the operation is conducted in accordance with the